

**Amendments to the Claims:**

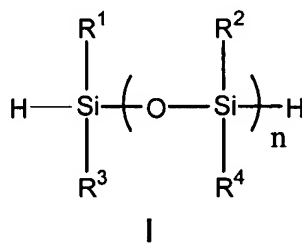
This listing of claims will replace all prior versions and listings, of claims in the application:

**Listing of Claims:**

1-14. **(Canceled)**

15. **(Currently Amended)** A process according to claim 14, additionally comprising reacting in step (c), for the preparation of a siloxane oligomer substituted with at least one polymerizable functional group selected from epoxy, vinyl ether, 1-propenyl ether, acrylate and methacrylate, said process comprising:

a. selectively reacting at least one compound of formula I



with at least one compound chosen from A or B, to form at least one monohydrosilane or monohydrosiloxane; and

b. reacting said at least one monohydrosilane or monohydrosiloxane with at least one compound chosen from A and B, to form an alkoxysilyl silane or siloxane, with the proviso that

when A is used in step (a), B is used in step (b), and

when B is used in step (a), A is used in step (b);

c. in the presence of an ion exchange resin, reacting 0.5 to 2.5 equivalents water and at least one alkoxysilane with the alkoxysilyl silane or siloxane, wherein the alkoxysilane is selected from alkoxysilanes of formula  $\text{SiR}^6\text{R}^8\text{R}^9\text{R}^{10}$  and formula  $\text{SiR}^8\text{R}^9\text{R}^{10}\text{FG}$ ; and

d. separating the ion exchange resin from a product of the reaction;

wherein

A is a compound containing at least one vinyl or allyl group and at least one group selected from epoxy, vinyl ether, 1-propenyl ether, acrylate and methacrylate.

B is a compound containing at least one vinyl or allyl group and at least one dialkoxysilyl or trialkoxysilyl group;

R<sup>1</sup> -R<sup>4</sup> are independently hydrogen, alkyl, haloalkyl, arylalkyl, aryl or heterocyclic;  
R<sup>6</sup>, R<sup>8</sup>, R<sup>9</sup>, and R<sup>10</sup> is, independently, alkyl, aryl, arylalkyl, chloroalkyl, fluoroalkyl, heteroalkyl, heteroaryl, alkoxy, arylalkoxy, chloroalkoxy, or fluoroalkoxy of 1 to 10 carbons;

m is 0 or an integer from 1 to 3;

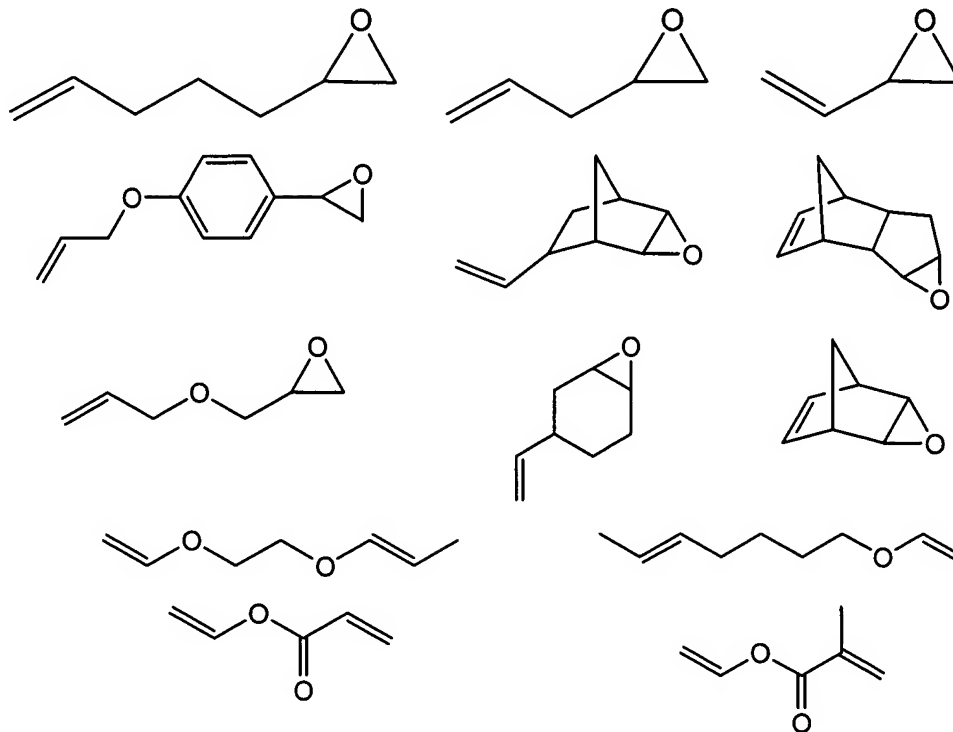
n is 0 or an integer from 1 to 100; and

FG is a linear, branched or cyclic alkyl or alkyl ether residue of 1-20 carbon atoms, or 1-20 carbon atoms and 1-9 oxygen atoms, substituted with at least one group selected from epoxy, vinyl ether, 1-propenyl ether, acrylate and methacrylate.

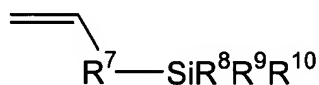
16. **(Original)** A process according to claim 15, wherein said at least one alkoxy silane is an alkoxy silane of formula SiR<sup>6</sup>R<sup>8</sup>R<sup>9</sup>R<sup>10</sup>.

17. **(Currently Amended)** A process according to ~~claim 14~~claim 15, wherein **A** is used in step (a), and **B** is used in step (b).

18. **(Currently Amended)** A process according to ~~claim 14~~claim 15, wherein **A** is selected from:



19. **(Currently Amended)** A process according to ~~claim 14~~claim 15, wherein **B** is an alkoxy silane of formula II

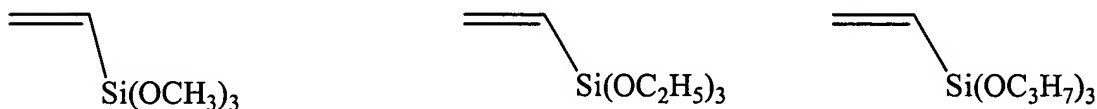


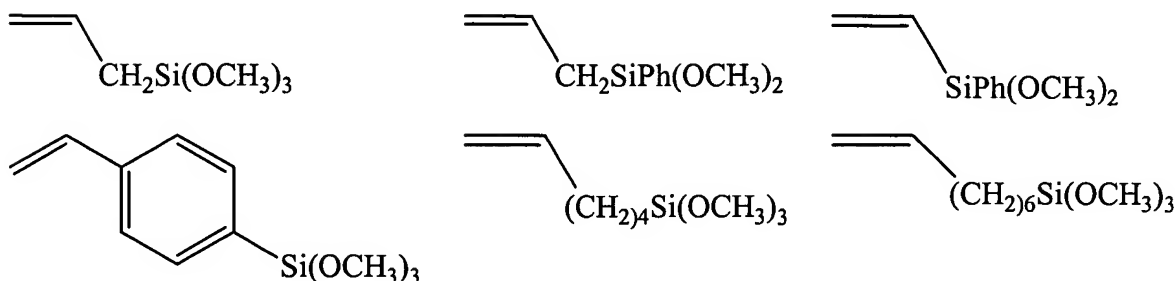
II

wherein

$\text{R}^7$  is a direct bond or a divalent aryl or alkyl residue; and  
 $\text{R}^8$ ,  $\text{R}^9$ , and  $\text{R}^{10}$  are independently alkyl, aryl, arylalkyl, chloroalkyl, fluoroalkyl, heteroalkyl, heteroaryl, alkoxy, arylalkoxy, chloroalkoxy, or fluoroalkoxy.

20. **(Original)** A process according to claim 19, wherein **B** is selected from:





- |                                |  |
|--------------------------------|--|
| 21. <b>(Currently Amended)</b> | A process according to <del>claim 14</del> <u>claim 15</u> , wherein <b>A</b> is 3-vinyl-7-oxabicyclo[4.1.0]heptane.         |
| 22. <b>(Currently Amended)</b> | A process according to <del>claim 14</del> <u>claim 15</u> , wherein <b>B</b> is vinyl trimethoxysilane.                     |
| 23. <b>(Currently Amended)</b> | A process according to <del>claim 14</del> <u>claim 15</u> , wherein R <sup>1</sup> - R <sup>4</sup> is methyl and n is 1-3. |
| 24. <b>(Currently Amended)</b> | A process according to <del>claim 14</del> <u>claim 15</u> , wherein <b>I</b> is 1,1,3,3- tetramethyldisiloxane.             |
| 25. <b>(Currently Amended)</b> | A process according to <del>claim 14</del> <u>claim 15</u> , wherein <b>I</b> is 1,1,3,3,5,5-hexamethyltrisiloxane.          |
| 26. <b>(Currently Amended)</b> | A process according to <del>claim 14</del> <u>claim 15</u> , wherein <b>I</b> is 1,1,3,3,5,5,7,7-octamethyltetrasiloxane.    |
| 27. <b>(Currently Amended)</b> | A process according to <del>claim 14</del> <u>claim 15</u> , wherein <b>I</b> is methylphenylsilane.                         |
| 28-30. <b>(Canceled)</b>       |  |